L Nur	nber	Hits	Search Text	DB	Time stamp
1		2322	cladding with buffer with layer	USPAT;	2004/05/05
-			Tadading made watton material adjoin	US-PGPUB;	13:46
		}		EPO; JPO;	13.10
	1.00	}		DERWENT	· ·
2		1260	cladding with buffer with layer with	USPAT;	2004/05/05
2		1200	act\$3	1	13:47
			acts	US-PGPUB;	13:47
*				EPO; JPO;	<u> </u>
_		0.55		DERWENT	1 2224 /25 /25
3		257		USPAT;	2004/05/05
•.	•	-	act\$3) and 438/\$3.ccls.	US-PGPUB;	13:47
		1		EPO; JPO;	†
		}		DERWENT	
4		29		USPAT;	2004/05/05
	•	1	or acting)	US-PGPUB;	13:54
	** *	1 .		EPO; JPO;	
				DERWENT	
5		7	form\$3 with superlattice with buffer with	USPAT;	2004/05/05
			(over or on) with (semiconductor or	US-PGPUB;	13:59
			"gan")	EPO; JPO;	
		1		DERWENT	1
6	•	.5	form\$3 with grad\$3 with buffer with (over	USPAT;	2004/05/05
J		, ,	or on) with (semiconductor or "gan")	US-PGPUB;	15:03
		}	or one wren (semiconductor or dan)	EPO; JPO;	13.03
		}			· · ·
		1		DERWENT	0004/05/05
7		6		USPAT;	2004/05/05
	•	[(over or on) with (semiconductor or	US-PGPUB;	15:03
	1	,	"gan")	EPO; JPO;	· · ·
•				DERWENT	1
_		209	(fabricat\$3 with gan with substrate) and	USPAT;	2004/05/05
		}	(crack or fault or defect)	US-PGPUB;	13:45
		1		EPO; JPO;	
		1		DERWENT	
٠ بيـ		147	((fabricat\$3 with gan with substrate) and	USPAT;	2003/06/13
	•	1	(crack or fault or defect)) and (buffer	US-PGPUB;	15:39
	•	1	with gan)	EPO; JPO;	-3.33
, •)	wrott yatti	DERWENT	
٠.		1	////Enhaigned2 with man with miletart		2003/06/13
- ,		17		USPAT;	1
• ;		ł.	and (crack or fault or defect)) and	US-PGPUB;	15:42
•			(buffer with gan)) and ((buffer with	EPO; JPO;	
		1	first) and (buffer with second))) and	DERWENT	
		}.	@ad<20010305		1,
-		7.0	(sapphire with substrate) and (crack or	USPAT;	2003/06/13
	."	1	fault or defect) and ((upper or second or	US-PGPUB;	16:46
		[first) with buffer with gan) and (lower	EPO; JPO;	
	0.00		with buffer with gan)	DERWENT	
_		36		USPAT;	2003/06/13
	, ,	1	fault or defect) and ((upper or second or	US-PGPUB;	16:04
٠			first) with buffer with gan) and (lower	EPO; JPO;	
•		1 .	with buffer with gan) and @ad<20010305	DERWENT	1
					1,2002/06/12
- .	1.1	1		USPAT;	2003/06/13
		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	fault or defect) and ((upper or second or	US-PGPUB;	16:02
		f ·	first) with buffer with gan) and (lower	EPO; JPO;	
)	with buffer with gan)) and (gan with	DERWENT	
]	semiconductor with substrate with		
		1	fabrication)	•	1.
-		22	gan with semiconductor with substrate	USPAT;	2003/06/13
	•	(·	with fabrication	US-PGPUB;	16:04
		\		EPO; JPO;	1 .
		S .		DERWENT	
	·	15	(gan with semiconductor with substrate	USPAT;	2003/06/13
		1.			1
	-	l	with fabrication) and @ad<20010305	US-PGPUB;	17:10
		1	The same is a second of the se	EPO; JPO;	
•	• •			DERWENT	1
	:	118		USPAT;	2003/06/13
		1	fault or defect) and ((silicon with dop\$3	US-PGPUB;	16:48
			with buffer) or (silicon with dop\$3 with	EPO; JPO;	
)	gan))	DERWENT	1

-					
		3 (/samphine mill)		• • •	
	3	3 ((sapphire with substrate) and (crack or	USPAT;	1 2002 (2 5 (2 5	
	1 ,	I TOWATO OF GETECH AND (1811) AND THE A		2003/06/13	i
	1.	with buffer) or (silicon with dop\$3 with	3 US-PGPUB	; 1.18:42	
		gan/// and (Silicon with dop\$3 with	EPO; JPO		5
		1 3 mill / Mild Milch Orogi and on	DERWENT	1 1 2 2 2	
		Sin.Sub.2cl.sub.2")	TEVMENT.		
[· = 4	.]	4 (gan with semiconductor with substrate			
	· , [(substrate	USPAT;	2003/06/13	
	-11 .	With idulication) and ((ganabine site)		2003/06/13	
	-	substrate) and (crack or fault or defect	US-PGPUB;	16:52	
		and Wailing and Clack of Fault or defect) EPO; JPO;		
		1 3.14 () 3.1.1.COM WILD GODS () 1.11 + b b.) 5.5	DERWENT	· '	
	·] · ·	(silicon with dop\$3 with gan)))	DERWENT	1	•
·		5 (((fabricate3 with			
	. '		USPAT;	2000 10 5 15 5	
		rand (Clack or lault or defect))		2003/06/13	
		(huffer with grant) and	US-PGPUB;	16:54	
y 4		(buffer with gan)) and ((buffer with	EPO; JPO;		1
		LLLSU and (Duffer with econd)		- 1 ·	J
		((sapphire with substrate) and (crack or	DERWENT'		٠,
	' '	family and (crack or	USPAT;	2,003/06/13	. 41
		, I - wat c Or ucrecij and //eiliaaa		2,003/06/13	1
		With buffer) or (giligon with to		16:58	٠. ا
	* [with buffer) or (silicon with dops) with	EPO; JPO;		
ľ	1	9 min			- ' 1
·]	1 .	substrate) and (crack or fault or	DERWENT		
· · · · · ·		defect)) and / cach of fault or		7"	. !
		defect)) and (buffer with gan)) and	1	.]	.]
1		/ (Duller With First) and (buffor site)		,	
	1	second)))		1	
1 -	ج ا	- 1./h65	-1	1	51
	5.6	1 (2 4 4 4 5 4 4 4 6 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TIGDEM	1	ŀ
	4	(multiple adj layer)))	USPAT;	2003/06/13	. 1
. 1 .	1	Tayer)))	US-PGPUB;	18:06	
			EDO:	1 10.00	i
• 1. "	. N		EPO; JPO;	,	- 1
		1 //gammbay - intra	DERWENT	1	
1	1	I MANAPATTE WILL SUNSTRATAL AND CARE TO	1	1 2002 12 - 1 -	
	. 1	fault or defect) and ((silicon with dop\$3		2003/06/13	- I
	` · ·	with buffer and ((Silleon with dop\$3	US-PGPUB;	17:01	1
	* .	I WE CIT DULLEEL OF (STITION WITH ACROST	EPO; JPO;		
		Partilly and ((buffer with //mile; -i-	יייייייייייייייייייייייייייייייייייייי	1 1 1	
		lavery or (multi-ad)	DERWENT	1	, I
1 -		layer) or (multiple adj layer))))	1	1	. 1
1:	25	(Duller With ((Multi adi lavor) or	I riani-	1	, 1
		(multiple adi laren)	USPAT;	2003/06/13	1
		(multiple adj layer)) with dop\$3)	US-PGPUB;	17:10	
· 1 '	1		EDO: ~~-	1 1110	
	· 1		EPO; JPO;		· 1
-	19	1/2005	DERWENT	1	[·
	1 . 19			10000	1
1.	· .	(multiple adj layer)) with dop\$3)) and	USPAT;	2003/06/13	J
	1	(ad<20010305 and	US-PGPUB;	17:13	
1 1 1 1 1 1	'	ead<20010305	EPO; JPO;	1 -7.13	. [.
	1.				. 1
- '	1 1 5	I dan with games and	DERWENT	1	
	4	(gan with semiconductor with substrate	USPAT;	2002/06/22	
		Will iddfication and ((huffer with		2003/06/13	1.
	1	((multi add lawar)	US-PGPUB;	17:12	
	1	((multi adj layer) or (multiple adj	EPO; JPO;		,
	· .	Layer))))			. 1
[- ." .	42	((buffer with //multi - 2 1	DERWENT	i '	
1	1	((buffer with ((multi adj layer) or	USPAT;	2003/06/13	- 1
.: [st]	1	/ (multiple adl laver)))) and dan and		12003/00/13	
		sapphire sapphire	US-PGPUB;	17:13	.
. [.			EPO; JPO;	1 .	· · I
- I _ +.	1	1	DERWENT		1
	27	(((buffer with ((multi adj layer) or	SULMENT.	į ·	i
		(multiple adi lavon))	USPAT;	2003/06/13	7.
-	1.	(multiple adj layer)))) and gan and	US-PGPUB;	18:57	١,
*1.	1	sapphire) and @ad<20010305	FDO: TOO	1 -0.37	1.
	1		EPO; JPO;		1
	· 0	White for with	DERWENT		. [
-	1	((buffer with ((multi adj layer) or	USPAT;	2002/05/110	. 1
-	i	(MUITIBLE add lavon)))	US-PGPUB;	2003/06/13	1
	~	Tayelli Same Aradiant	US-PEPHB • -	17:58	ı
	~	(multiple adj layer))) same gradient same			1
		dop\$3) and gan			
		dopys, and gan	EPO; JPO;		.:1
	0	dopys, and gan	EPO; JPO; DERWENT	•.,	
-	0	((buffer same ((multi adi laver) or	EPO; JPO;	2003/06/13	.:
-	0	((buffer same ((multi adj layer) or (multiple adj layer))) same gradient	EPO; JPO; DERWENT USPAT;	2003/06/13	
-	0	((buffer same ((multi adj layer) or (multiple adj layer))) same gradient	EPO; JPO; DERWENT USPAT; US-PGPUB;	2003/06/13 17:58	
-	0	((buffer same ((multi adi laver) or	EPO; JPO; DERWENT USPAT;		
-		((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;		
-	0	((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	17:58	
-		((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT;	17:58	
-		((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))) same gradient) and	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT;	17:58 2003/06/13	
-		((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))) same gradient) and gan	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB;	17:58	
-		((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))) same gradient) and gan	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	17:58 2003/06/13 17:59	
-		((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))) same gradient) and gan	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	17:58 2003/06/13	
		((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))) same gradient) and gan	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT	17:58 2003/06/13 17:59	
-		((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))) same gradient) and gan buffer same gan same gradient	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT;	17:58 2003/06/13 17:59	
		((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))) same gradient) and gan buffer same gan same gradient	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT;	17:58 2003/06/13 17:59 2003/06/13	
-		((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))) same gradient) and gan buffer same gan same gradient	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; US-PGPUB;	17:58 2003/06/13 17:59	
		((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))) same gradient) and gan buffer same gan same gradient	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; US-PGPUB; EPO; JPO;	17:58 2003/06/13 17:59 2003/06/13	
	7	((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))) same gradient) and gan buffer same gan same gradient	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; US-PGPUB; EPO; JPO;	17:58 2003/06/13 17:59 2003/06/13	
-		((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))) same gradient) and gan buffer same gan same gradient	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	17:58 2003/06/13 17:59 2003/06/13 18:05	
	7	((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))) same gradient) and gan buffer same gan same gradient (buffer same gradient) and gan	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT;	17:58 2003/06/13 17:59 2003/06/13 18:05	
	7	((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))) same gradient) and gan buffer same gan same gradient (buffer same gradient) and gan	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT;	17:58 2003/06/13 17:59 2003/06/13 18:05 2003/06/13	
-	7	((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))) same gradient) and gan buffer same gan same gradient (buffer same gradient) and gan	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB;	17:58 2003/06/13 17:59 2003/06/13 18:05	
	7	((buffer same ((multi adj layer) or (multiple adj layer))) same gradient same dop\$3) and gan ((buffer same ((multi adj layer) or (multiple adj layer))) same gradient) and gan buffer same gan same gradient (buffer same gradient) and gan	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT;	17:58 2003/06/13 17:59 2003/06/13 18:05 2003/06/13	

		1 0	((buffer with ((multi adj layer) or	USPAT;	2003/06/13
-			(multiple adj layer)) with dop\$3)) and	US-PGPUB;	18:05
			((buffer same gradient) and gan)	EPO; JPO;	
		· .		DERWENT	1
	_	0	((buffer with ((multi adj layer) or	USPAT;	2003/06/13
			(multiple adj layer)))) and ((buffer same	US-PGPUB;	18:05
			gradient) and gan)	EPO; JPO;	
				DERWENT	
	-	3	(buffer with ((multi adj layer) or	USPAT;	2003/06/13
			(multiple adj layer))) and (buffer same	US-PGPUB;	18:23
	i e	1	concentration same gradient)	EPO; JPO;	
				DERWENT	0000000000
		213	buffer with layer with gradient	USPAT;	2003/06/13
				US-PGPUB;	18:49
				EPO; JPO; DERWENT	
	·_ · · · · · · · ·	12	(buffer with layer with gradient) and gan	USPAT:	2003/06/13
		12	(buller with layer with gradient) and gan	US-PGPUB;	18:49
				EPO; JPO;	10.49
				DERWENT	
	_	5	buffer with (dichlorosilane or	USPAT;	2003/06/13
		1	"sih.sub.2cl.sub.2")	US-PGPUB;	18:43
				EPO; JPO;	
٠.				DERWENT	
	- ,	531	(buffer with layer) same gradient	USPAT;	2003/06/13
		1		US-PGPUB;	18:49
				EPO; JPO;	
		1		DERWENT	
	-	22	((buffer with layer) same gradient) and	USPAT;	2003/06/13
			gan	US-PGPUB;	18:57
				EPO; JPO;	
				DERWENT	l
	-	209	super with lattice with dop\$3	USPAT;	2003/06/13
		{		US-PGPUB;	18:57
2				EPO; JPO;	· .
ا ،	_ ` .	19	(amon with lattice with dames) arms are	DERWENT	2003/06/13
1	-	19	(super with lattice with dop\$3) same gan	USPAT; US-PGPUB;	
				EPO; JPO;	18:57
				DERWENT	
ij	_ `	12	((super with lattice with dop\$3) same	USPAT;	2003/06/13
-	· .		gan) and @ad<20010305	US-PGPUB;	19:09
ļ			, s,,	EPO; JPO;	
۱.		}		DERWENT	
i	<u>-</u>	10	(((super with lattice with dop\$3) same	USPAT;	2003/06/13
			gan) and @ad<20010305) and buffer	US-PGPUB;	19:07
		\		EPO; JPO;	
÷		1 1 2		DERWENT	
	. -	44	(first adj buffer) and (second adj	USPAT;	2003/06/13
		,	buffer) and concentration and symmetrical	US-PGPUB;	19:35
		1		EPO; JPO;	
		1 30	(//fings and buffer) and /	DERWENT	2002/06/12
	- · .	39	((first adj buffer) and (second adj buffer) and concentration and	USPAT;	2003/06/13
			symmetrical) and Cad<20010305	US-PGPUB; EPO; JPO;	20:09
		.a.	Symmetrical, and Gad/20010303	DERWENT	, , ,
		181	(first adj buffer) and (second adj	USPAT;	2003/06/13
		1	buffer) and concentration and gradient	US-PGPUB;	19:37
.				EPO; JPO;	
	· · · · · · · ·	}		DERWENT	
		22	((first adj buffer) and (second adj	USPAT;	2003/06/13
		1	buffer) and concentration and gradient)	US-PGPUB;	20:06
ļ		1	and (438/\$3.ccls. or 257/\$3.ccls.)	EPO; JPO;	
1			الاستفادة والمنافي والإسفاء منصد والمستداد الأمام والاستعمام والمعالم والمنافع والمستعمر والمنافع والمستعادة و	DERWENT	And the second of the second o
-	·- · · · · · ·	526	(buffer with dop\$3 with concentration)	USPAT;	2003/06/13
		1	and (438/\$3.ccls. or 257/\$3.ccls.)	US-PGPUB;	20:21
r				EPO; JPO;	
j				DERWENT	000045545
1	_	66	((buffer with dop\$3 with concentration)	USPAT;	2003/06/13
			and (438/\$3.ccls. or 257/\$3.ccls.)) and	US-PGPUB;	20:08
- 1			(buffer with multi\$3)	EPO; JPO;	
		1	1	DERWENT	r

and (438/53.ccls. or 257/53.ccls.) and (buffer with dop83 with concentration) and (438/53.ccls. or 257/53.ccls.) and (buffer with dop83 with concentration) and (438/53.ccls. or 257/53.ccls.) and (buffer with dop83 with concentration) and (438/53.ccls. or 257/53.ccls.) and (buffer with dop83 with concentration) and (438/53.ccls. or 257/53.ccls.) and (buffer with dop83 with concentration) and (438/53.ccls. or 257/53.ccls.) and (buffer with dop83 with gradient with ground before the concentration or same (buffer with multiple with layer) USPAF; USP					
(buffer with multi\$3 with layer) (() (buffer with dop\$3 with concentration) and (336/33.cels. or 257/33.cels.)) and (buffer with multi\$3 with layer)) and (buffer with multi\$3 with layer)) and (buffer with dop\$3 with concentration) and (336/33.cels. or 257/33.cels.)) and (method with fabricat\$3 with gan with substrate) (() (buffer with dop\$3 with concentration) and (336/33.cels. or 257/33.cels.)) and (method with fabricat\$3 with gan with substrate) and (336/33.cels.) and (method with fabricat\$3 with gan with substrate) and (buffer with multiple with layer) (() (buffer with dop\$3 with concentration) same (buffer with multiple with layer) (() () (buffer with dop\$3 with profile) same (buffer with multiple with layer) (() () () () () () () () () () () () ()	-	66	((buffer with dop\$3 with concentration)		
10	<u></u>	1			20:21
53 (((buffer with dop\$3 with concentration) and ((339/3.cels.) and (349/3.cels.) ard (0.4(39/3.cels.) ard (0.4(39/3.cels.) ard (0.4(39/3.cels.) ard (0.4(39/3.cels.) ard (0.4(39/3.cels.)) ard (0.4(39/3.cels.) ard (0.4(39/3.cels.)) ard (0.4(39/3.cels.) ard (0.4(39/3.cels.)) ar			(buffer with multi\$3 with layer)		*.
and (438/33.ccls. or 257/33.ccls.) and (buffer with multiple with substrate 1003/06/13 100					
(buffer with multi\$3 with layer) and 8ad<20010305 method with fabricat\$3 with gan with USPAT; USP-GPUB; EPO; JPO;	1	53			
### 89 #### 80 ### 80 ### 80 ### 80 ### 80 #### 80 #### 80 #### 80 #### 80 #### 80 #### 80 #### 80 ###	1				20:52
Section Sect		1 :			
Substrate	1 .				0000/06/10
S] -	89			1 ' '
			substrate		20:16
S	1	1.			
and (438/\$3.ccls. or 257/\$3.ccls.) and (method with fabricats) with gam with substrate) (buffer with dop\$3 with concentration) same (buffer with multiple with layer) (buffer with multiple with layer) (buffer with multiple with layer) (buffer with increas\$3 with concentration) symbol (buffer with increas\$3 with concentration) symbol (buffer with increas\$3 with concentration) symbol (buffer with multiple with layer) (buffer with increas\$3 with dop\$3) same (buffer with multiple with layer) (buffer with dop\$3 with concentration) symbol (buffer with dop\$3 with concentration) symbol (buffer with dop\$3 with concentration) (buffer with with with with with with with with	})· · ·	//buffor with done? with concentration	1	2002/06/12
(method with fabricat\$3 with gan with SEPO, JPO; DERMENT Substrate) (buffer with dop\$3 with concentration) SEPO, JPO; DERMENT SPAT; 2003/06/13 20:38 SPAT; 2003/06/13 20:48 SPAT; 2003/06/13 20:52 SPAT; 20:54	{	1			
Substrate (buffer with dop\$3 with concentration) Same (buffer with multiple with layer) Same (buffer with increas\$3 with concentration) Same (buffer with multiple with layer) Same (buffer with dop\$3 with concentration) Same (buffer with dop\$3					20.10
12 (buffer with dop33 with concentration) USPAT; 2003/06/13 20:39	}	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			}
Same (buffer with multiple with layer)	}_	12			2003/06/13
Content Cont		1			,
DERWENT (USPAC; USPAC; USPAC			damo (hazzaz uzon mazozpio uzon zajoz)		
0 buffer with dop\$3 with profile) same (buffer with multiple with layer) 203.66/13 20.38 20.39 20.30 20.	1.	1			
(buffer with multiple with layer)	 - '	1 0	(buffer with dop\$3 with profile) same	f	2003/06/13
- 2 (buffer with increas\$3 with concentration) same (buffer with multiple with layer) - 4 (buffer with increas\$3 with dop\$3) same (buffer with dop\$3) same (buffer with layer) - 5 (buffer with increas\$3 with dop\$3) same (buffer with multiple with layer) - 6 (buffer with doping with concentration) with profile - 7 14 buffer with dop\$3 with gradient - 826 buffer with dop\$3 with gradient - 826 buffer with dop\$3 with concentration) - 826 buffer with dop\$3 with concentration) - 826 (buffer with dop\$3 with concentration) - 827 ((buffer with dop\$3 with concentration) - 828 ((buffer with dop\$3 with concentration) - 829 ((buffer with dop\$3 with concentration) - 820 ((buffer with dop\$3 with concentration) - 821 ((buffer with dop\$3 with concentration) - 822 ((buffer with dop\$3 with concentration) - 823 ((buffer with dop\$3 with concentration) - 824 ((buffer with dop\$3 with concentration) - 825 (buffer with dop\$3 with concentration) - 826 ((buffer with dop\$3 with concentration) - 827 ((buffer with dop\$3 with concentration) - 828 ((buffer with dop\$3 with concentration) - 829 ((buffer with dop\$3 with concentration) - 820 ((buffer with dop\$3 with concentration) - 821 ((buffer with dop\$4) with concentration) - 822 (buffer with dop\$5) - 823 (concentration) - 824 (concentration) - 825 (buffer with dop\$6) - 826 (buffer with dop\$6) - 826 (buffer with dop\$6) - 826 (buffer with dop\$6) - 827 (buffer with dop\$6) - 827 (buffer with dop\$6) - 828 (buffer with dop\$6) - 828 (buffer with dop\$6) - 828 (buffer with dop\$6) - 829 (buffer with dop\$6) - 820 (buffer with dop\$6) - 821 (buffer with dop\$6) - 822 (buffer with dop\$6) - 823 (buffer with dop\$6) - 824 (buffer with dop\$6) - 825 (buffer with dop\$6) - 826 (buffer with dop\$6) - 826 (buffer with dop\$6) - 827 (buffer with dop\$6) - 828 (buffer with dop\$6) - 829 (buffer with dop\$6) - 820	1 .			l '	
Concentration Same (buffer with multiple with layer)				,	
Concentration) same (buffer with multiple US-PGPUB; with layer) 20:40 EPO; JPO; DERWENT 2003/06/13 20:42 EPO; JPO; DERWENT 2003/06/13 20:42 EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT 2003/06/13 20:45 EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT 2003/06/13 20:52 EPO; JPO; DERWENT 2003/06/13 20:52 EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; USPA	1 .	1		DERWENT	
### BPO; JPO; DRRWENT (buffer with increas\$3 with dop\$3) same (buffer with multiple with layer) USPAT; USPA	-	2		USPAT;	1
A					20:40
-	1.	1	with layer)		
(buffer with doping with concentration with profile EPO; JPO; DERWENT US-PGPUB; EPO; JPO; JPO; DERWENT US-PGPUB; EPO; JPO; JPO; DERWENT US-PGPUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J		1.		I'm a company of the	
Buffer with doping with concentration DERWENT USPGUB; USPGUB; USPGUB; USPGUB; USPGUB; USPGUB; USPAT; USPAT; USPAT; USPAT; USPGUB; EPO; JPO; DERWENT USPAT; USPAT		4			
DERWENT USPAT;	1	**· :	(buffer with multiple with layer)		20:42
### Buffer with doping with concentration with profile with profile USPAT; USPA					*.
with profile					
EPG; JPG; DERWENT USPAT; US-PGPUB; EPG; JPG; DERWEN	-	8			(=
DERWENT USPAT; 2003/06/13 US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/06/13 US-PGPUB; EPO; JPO; DERWENT USPAT;	\ .	`	with profile	1	20:45
- 14 buffer with dop\$3 with gradient	. ` `	1			
See	1.	14	buffer with dance with gradient		2002/06/12
BPO; JPO; DERWENT USPAT; 2003/06/13 US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/06/13 US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO;	<u> </u>	. 14	buffer with dop\$3 with gradient		
DERWENT USPAT; USPERBENT USPERBENT USPERBENT USPERBENT USPERBENT USPERBENT USPERBENT USPERBENT USPERBENT USPAT; USPERBENT USPAT; USPERBENT USPAT; USP	} ; ; · · ·	·		l .	20:51
See					
US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/06/13 US-PGPUB; EPO; JPO; DERWENT USPAT; U		826	buffer with dons3 with concentration	1 12	2003/06/13
### 165 (buffer with dop\$3 with concentration) and gan 45 ((buffer with dop\$3 with concentration) and gan) and 438/\$3.ccls. 46 ((buffer with dop\$3 with concentration) and gan) and 438/\$3.ccls. 47 ((buffer with dop\$3 with concentration) and gan) and 438/\$3.ccls. 48 (((buffer with dop\$3 with concentration)) and gan) and 438/\$3.ccls.) and and gan) and 438/\$3.ccls.) and and gan and 438/\$3.ccls.) and and gan/buffer with doped with undoped with gan 49 buffer with doped with undoped with gan 40 (buffer with doped with undoped with gan) and @ad<20010305 40 (buffer with doped with undoped with gan) and @ad<20010305 41 (buffer with doped with undoped with gan) and @ad<20010305 42 (buffer with doped with undoped with gan) and @ad<20010305 41 (buffer with doped with undoped with gan) and @ad<20010305 42 (buffer with doped with undoped with gan) and @ad<20010305 43 ((buffer with doped with undoped with gan) and @ad<20010305) and 438/\$3.ccls. 44 (buffer with doped with undoped with gan) and @ad<20010305) and 438/\$3.ccls. 45 (buffer with doped with undoped with gan) and @ad<20010305 46 (buffer with doped with undoped with gan) and @ad<20010305 47 (buffer with doped with undoped with gan) and @ad<20010305 48 (buffer with doped with undoped with gan) and @ad<20010305 49 (buffer with doped with undoped with gan) buffer with doped with undoped with gan buffer with doped with			, water week approximation		1
DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; DERWENT US-PGPUB; DERWENT US-PGPUB; DERWENT US-PGPUB; DERWENT US-PGPUB; DERWENT US-PGPUB; DERWENT		1			
and gan	†	1			
and gan) <u>-</u>	165	(buffer with dop\$3 with concentration)		2003/06/13
- 45 ((buffer with dop\$3 with concentration) USPAT; 2003/06/13 and gan) and 438/\$3.ccls. US-PGPUB; EPO; JPO; DERWENT 2003/06/13 and gan) and 438/\$3.ccls.) and USPAT; 2003/06/13 21:09 EPO; JPO; DERWENT 2003/06/13 20:09 EPO; JPO	l			US-PGPUB;	20:52
45					
45		}		DERWENT	
Comparison of the content of the c	1 -	45		USPAT;	
DERWENT USPAT; 2003/06/13 21:09 89 buffer with doped with undoped with gan buffer with doped with undoped with gan (buffer with doped with undoped with gan) (buffer with doped with g	1		and gan) and 438/\$3.ccls.		21:09
- 31 (((buffer with dop\$3 with concentration) and gan) and 438/\$3.ccls.) and USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US		1			
and gan) and 438/\$3.ccls.) and (ad<20010305 buffer with doped with undoped with gan) (buffer with doped with gan) (color) (buffer with doped with gan) (color) (1			l .	
@ad<20010305 buffer with doped with undoped with gan consider the constant of the	j -	31			1
DERWENT USPAT; US-PGPUB; EPO; JPO;	1	1			21:09
- 89 buffer with doped with undoped with gan		[@ad<20010305	1	· .
US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/06/13 US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/06/13 US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/06/13 US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/06/13 US-PGPUB; EPO; JPO; DERWENT USPAT;		1	huffon odeh donad adeh amdara dareh		2002/06/12
Comparison of the content of the c	1	89	buller with doped with undoped with gan		
Comparison of the content of the c					51:03
61 (buffer with doped with undoped with gan) and @ad<20010305 13 ((buffer with doped with undoped with gan) defer with doped with undoped with gan) and @ad<20010305) and 438/\$3.ccls. 140582 (substrate with sapphire or (silicon adj carbide) or "al.sub.20.sub.3" or "sic") 152003/06/13 (2003/06/13 US-PGPUB; EPO; JPO; DERWENT US-PGPUB; Carbide) or "al.sub.20.sub.3" or "sic") 165003/06/13 (2003/06/13 US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; DERWENT US-PGPUB; EPO; DERWENT U	1				
and @ad<20010305 US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/06/13 21:09		61	(buffer with doned with undoned with gan)		2003/06/13
13	1			(
Carbide Or "al.sub.20.sub.3" or "sic" DERWENT USPAT; 2003/06/13 US-PGPUB; EPO; JPO; DERWENT USPAT; 2003/06/13 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/05/04		j			
13 ((buffer with doped with undoped with gan) and @ad<20010305) and 438/\$3.ccls. 140582 (substrate with sapphire or (silicon adj carbide) or "al.sub.20.sub.3" or "sic") 140582 (substrate with sapphire or (silicon adj carbide) or "al.sub.20.sub.3" or "sic") 140582 (substrate with sapphire or (silicon adj carbide) or "al.sub.20.sub.3" or "sic")	1				La Salaza Series
gan) and @ad<20010305) and 438/\$3.ccls. US-PGPUB; EPO; JPO; DERWENT 140582 (substrate with sapphire or (silicon adj Carbide) or "al.sub.2o.sub.3" or "sic") US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO;		13	((buffer with doned with undoned with	1	2003/06/13
EPO; JPO; DERWENT 140582 (substrate with sapphire or (silicon adj USPAT; 2004/05/04 Carbide) or "al.sub.2o.sub.3" or "sic") EPO; JPO; DERWENT USPAT; 2004/05/04 US-PGPUB; EPO; JPO;		1			
DERWENT 140582 (substrate with sapphire or (silicon adj USPAT; 2004/05/04 Carbide) or "al.sub.2o.sub.3" or "sic") DERWENT USPAT; 2004/05/04 US-PGPUB; EPO; JPO;		1	3, and cad 20010000, and 300, 40,0010.		
- 140582 (substrate with sapphire or (silicon adj USPAT; 2004/05/04 carbide) or "al.sub.2o.sub.3" or "sic") US-PGPUB; EPO; JPO;	1		•		
carbide) or "al.sub.20.sub.3" or "sic") US-PGPUB; 15:43	1-	140582	(substrate with sapphire or (silicon add	l	2004/05/04
EPO; JPO;		1			
	}	1	,		
	}	1		DERWENT	

			• ,	
[=	2080	(buffer with (over or on) with substrate)	USPAT;	2004/05/04
			US-PGPUB; EPO; JPO;	15:44
1			DERWENT	
- '	1190	((semiconductor or "gan") with (on or	USPAT; US-PGPUB;	2004/05/04
	7	over) with buffer)	EPO; JPO;	15:45
			DERWENT	
	418296	((remov\$3 or thin\$4 etch\$3) with substrate)	USPAT; US-PGPUB;	2004/05/04
		Substrace	EPO; JPO;	15.45
			DERWENT,	
-	295	((substrate with sapphire or (silicon adj carbide) or "al.sub.20.sub.3" or "sic"))	USPAT; US-PGPUB;	2004/05/04
	`	and ((buffer with (over or on) with	EPO; JPO;	
		substrate)) and (((semiconductor or	DERWENT	
· .	√	gan") with (on or over) with buffer)) and (((remov\$3 or thin\$4 etch\$3) with		
		substrate))		
-	12	((substrate with sapphire or (silicon adj carbide) or "al.sub.20.sub.3" or "sic"))	USPAT;	2004/05/04
1		carbide or "al.sub.20.sub.3" or "sic") same ((buffer with (over or on) with	US-PGPUB; EPO; JPO;	15:48
		substrate)) same (((semiconductor or	DERWENT	
		"gan") with (on or over) with buffer)) same (((remov\$3 or thin\$4 etch\$3) with		
		substrate))		
 -	8	(((substrate with sapphire or (silicon	USPAT;	2004/05/04
		adj carbide) or "al.sub.20.sub.3" or "sic")) same ((buffer with (over or on)	US-PGPUB; EPO; JPO;	15:59
		with substrate)) same (((semiconductor or	DERWENT	
}	. .	gan") with (on or over) with buffer)) same (((remov\$3 or thin\$4 etch\$3) with		
		substrate))) and (@ad<20010305 or		
.] .		@rlad<20010305)	}	
-	55	(((substrate with sapphire or (silicon adj carbide) or "al.sub.20.sub.3" or	USPAT; US-PGPUB;	2004/05/04 15:59
	1	"sic")) and ((buffer with (over or on)	EPO; JPO;	13.03
		with substrate)) and (((semiconductor or	DERWENT	
		"gan") with (on or over) with buffer)) and (((remov\$3 or thin\$4 etch\$3) with		
		substrate))) and (second with buffer with		
	30	(semiconductor or "gan")) ((((substrate with sapphire or (silicon	USPAT;	2004/05/04
	\	adj carbide) or "al.sub.20.sub.3" or	US-PGPUB;	17:27
		"sic")) and ((buffer with (over or on)	EPO; JPO;	
		with substrate) and (((semiconductor or "gan") with (on or over) with buffer))	DERWENT	
	1.	and (((remov\$3 or thin\$4 etch\$3) with		
		substrate))) and (second with buffer with (semiconductor or "gan"))) and		
		(@ad<20010305 or @rlad<20010305)		- Vi
	1	form\$3 with buffer with stress with base	USPAT;	2004/05/04
	1	with main with substrate	US-PGPUB; EPO; JPO;	17:25
	1		DERWENT	
-	115	form\$3 with buffer with stress with (semiconductor or "gan") with (substrate	USPAT; US-PGPUB;	2004/05/04 17:26
		or sapphire or (silicon adj carbide) or	EPO; JPO;	11.40
		"al.sub.2o.sub.3" or "sic")	DERWENT	0007/05/04
-	51	(form\$3 with buffer with stress with (semiconductor or "gan") with (substrate	USPAT; US-PGPUB;	2004/05/04 17:27
		or sapphire or (silicon adj carbide) or	EPO; JPO;	
		"al.sub.2o.sub.3" or "sic")) and (second with buffer)	DERWENT	in the second second
	36		USPAT;	2004/05/04
		(semiconductor or "gan") with (substrate	US-PGPUB;	19:21
`		or sapphire or (silicon adj carbide) or "al.sub.2o.sub.3" or "sic")) and (second	EPO; JPO; DERWENT	
		with buffer)) and (@ad<20010305 or	PHYMMINI	
<u>.</u>	;	@rlad<20010305)		

-	157	with (semiconductor or "gan") with (substrate or sapphire or (silicon adj carbide) or "al.sub.2o.sub.3" or "sic")) and (second with buffer)) and	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/04
	75	((dad<20010305 or @rlad<20010305) (((form\$3 with buffer with (over or on) with (semiconductor or "gan") with (substrate or sapphire or (silicon adj carbide) or "al.sub.20 sub.3" or "gian")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/04 19:23.
		and (second with buffer)) and (@ad<20010305 or @rlad<20010305)) and (remov\$3 with (substrate or sapphire or (silicon adj carbide) or "al.sub.20.sub.3" or "sic"))		
	68	(form\$3 with buffer with (over or on) with "gan") and (@ad<20010305 or @rlad<20010305)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/04 19:59